

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014952.D
 Acq On : 04 May 2023 15:00
 Operator : CG/JU
 Sample : 02447-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW907

Quant Time: May 04 22:43:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

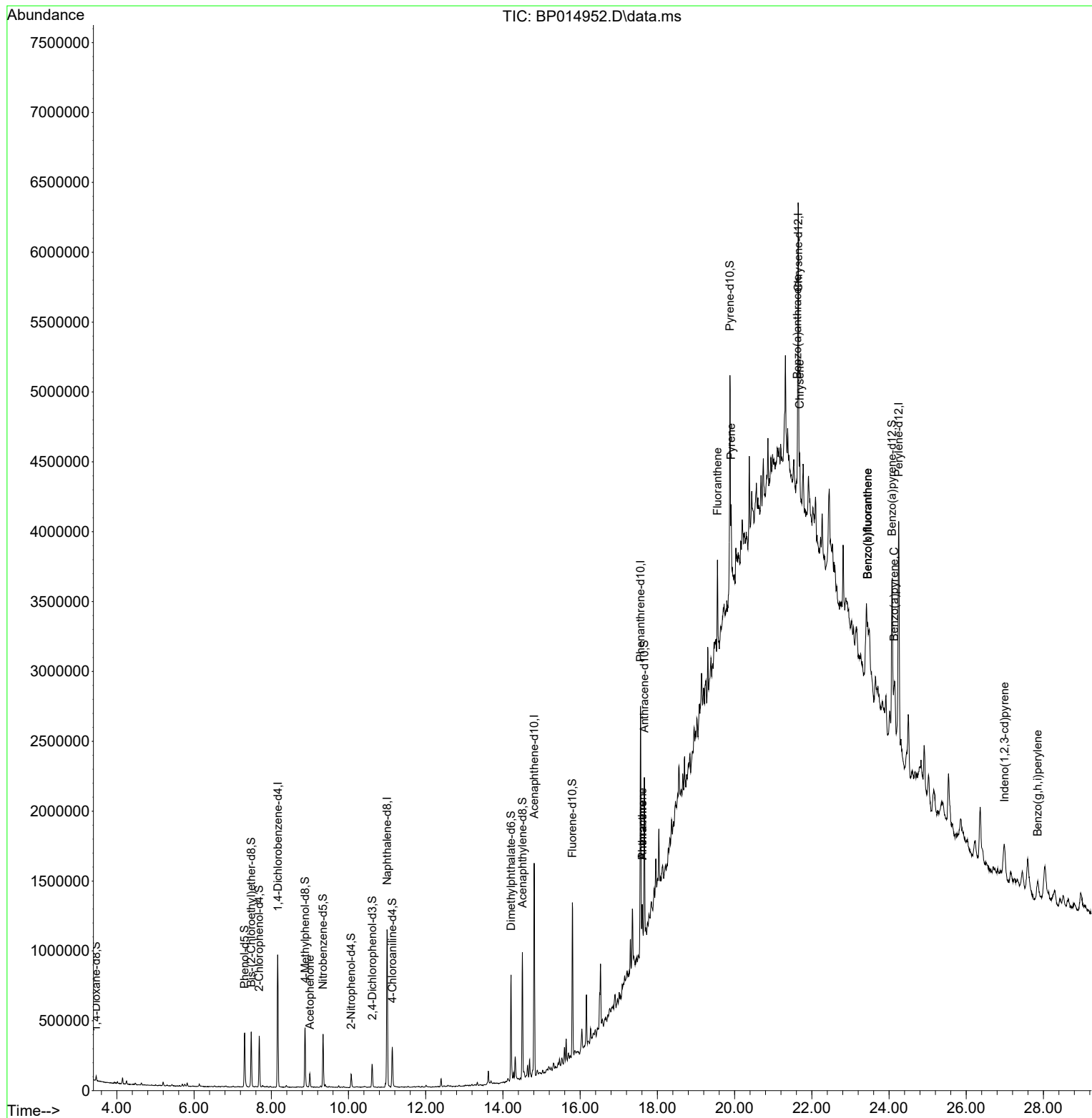
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	264803	20.000	ng/ul	0.00
20) Naphthalene-d8	10.998	136	950792	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	511655	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1043922	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1062676	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1321515	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	16934	2.378	ng/uL	0.00
4) Pyridine-d5	3.893	84	487	0.025	ng/ul	0.00
7) Phenol-d5	7.310	99	237975	10.366	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	167311	11.791	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	168419	9.977	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	171265	9.680	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	93453	13.820	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	31022	4.468	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	65674	4.817	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	163830	8.308	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	489776	13.525	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	589691	13.578	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	273	0.043	ng/ul	0.01
60) Fluorene-d10	15.798	176	437588	14.046	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	83	0.014	ng/ul	0.00
73) Anthracene-d10	17.663	188	648594	13.828	ng/ul	0.00
81) Pyrene-d10	19.880	212	836916	11.677	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	951025	14.770	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.999	105	54916	1.898	ng/ul	97
72) Phenanthrene	17.610	178	151481	2.627	ng/ul	97
74) Anthracene	17.610	178	151481	2.638	ng/ul	96
80) Fluoranthene	19.557	202	402794	4.580	ng/ul	100
82) Pyrene	19.910	202	361966	3.885	ng/ul	98
85) Benzo(a)anthracene	21.627	228	197345	2.782	ng/ul#	93
87) Chrysene	21.686	228	212398	2.974	ng/ul#	93
90) Benzo(b)fluoranthene	23.445	252	306201	3.585	ng/ul#	82
91) Benzo(k)fluoranthene	23.445	252	306201	3.523	ng/ul#	83
93) Benzo(a)pyrene	24.133	252	203158	2.712	ng/ul#	80
94) Indeno(1,2,3-cd)pyrene	26.992	276	160957	1.762	ng/ul	98
96) Benzo(g,h,i)perylene	27.850	276	155781	2.003	ng/ul	98

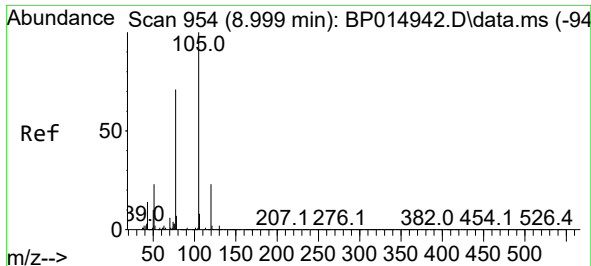
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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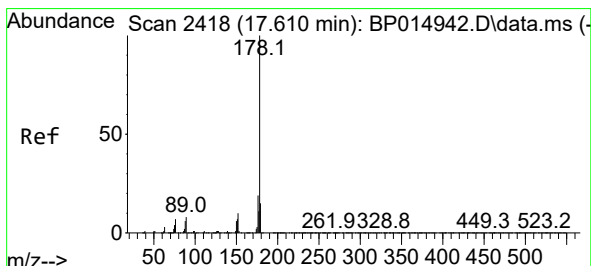
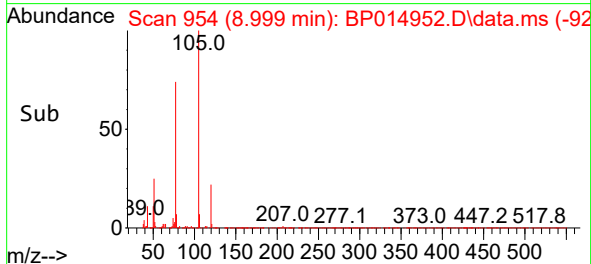
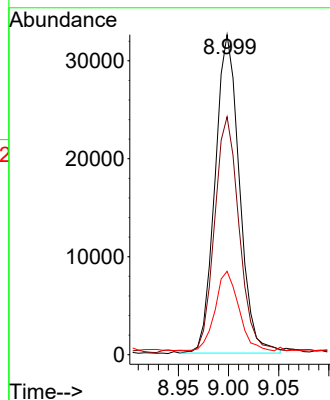
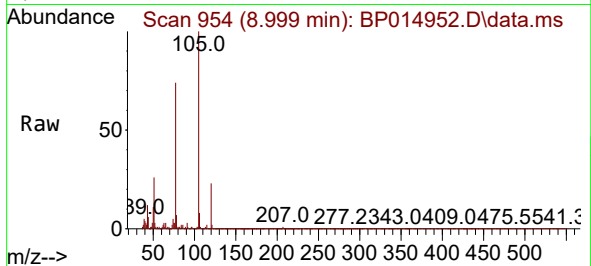




#16
Acetophenone
Concen: 1.898 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014952.D
Acq: 04 May 2023 15:00

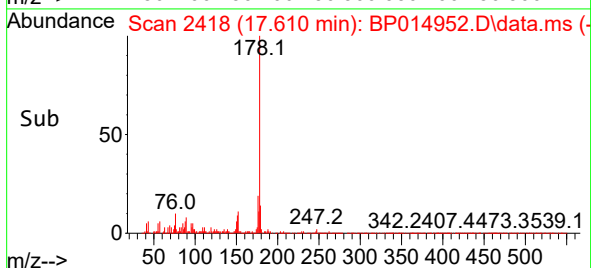
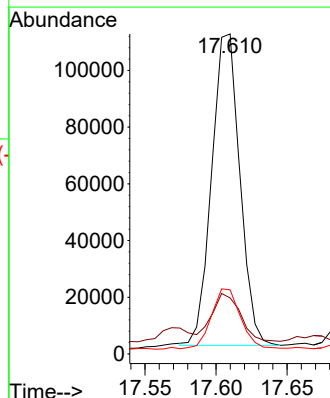
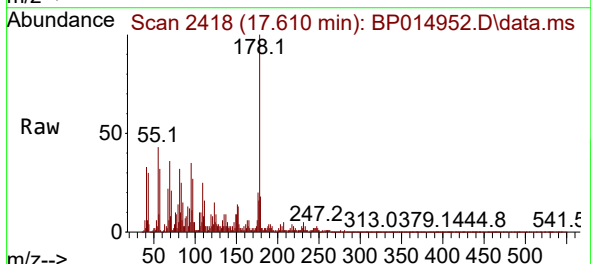
Instrument :
BNA_P
ClientSampleId :
EW907

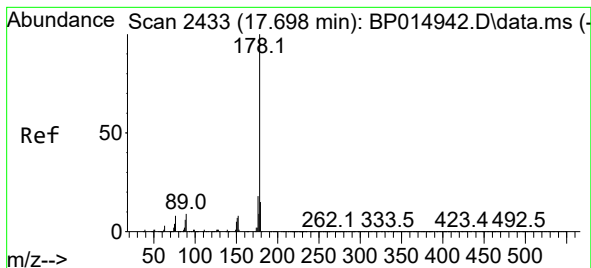
Tgt Ion:105 Resp: 54916
Ion Ratio Lower Upper
105 100
77 74.3 61.2 91.8
51 26.0 19.4 29.2



#72
Phenanthrene
Concen: 2.627 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP014952.D
Acq: 04 May 2023 15:00

Tgt Ion:178 Resp: 151481
Ion Ratio Lower Upper
178 100
179 17.5 12.2 18.4
176 20.1 15.4 23.0





#74

Anthracene

Concen: 2.638 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. -0.088 min

Lab File: BP014952.D

Acq: 04 May 2023 15:00

Instrument :

BNA_P

ClientSampleId :

EW907

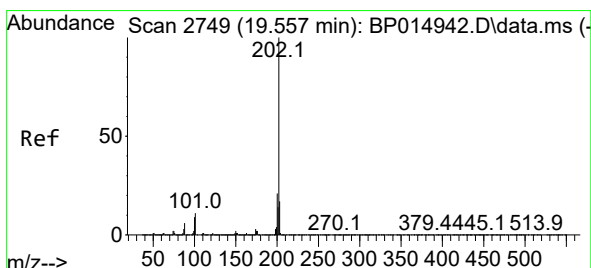
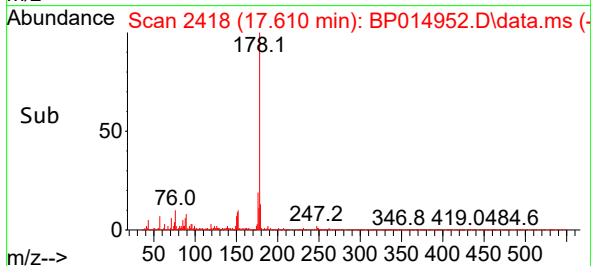
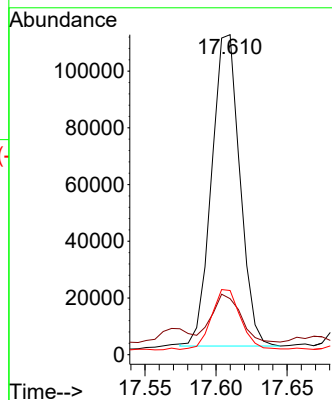
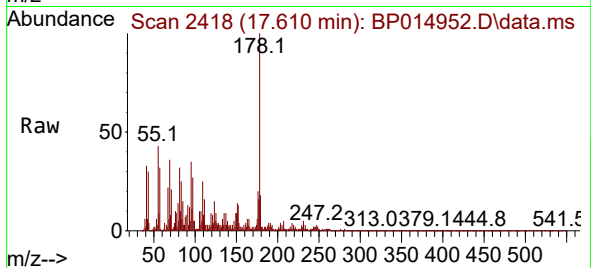
Tgt Ion:178 Resp: 151481

Ion Ratio Lower Upper

178 100

179 17.5 12.6 18.8

176 20.1 15.0 22.4



#80

Fluoranthene

Concen: 4.580 ng/ul

RT: 19.557 min Scan# 2749

Delta R.T. -0.000 min

Lab File: BP014952.D

Acq: 04 May 2023 15:00

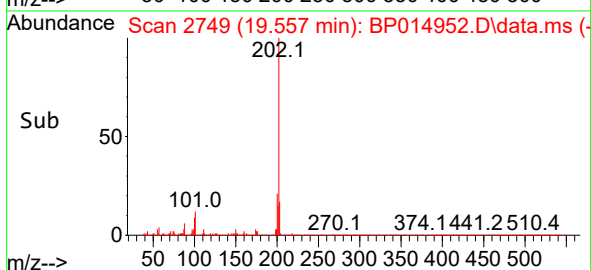
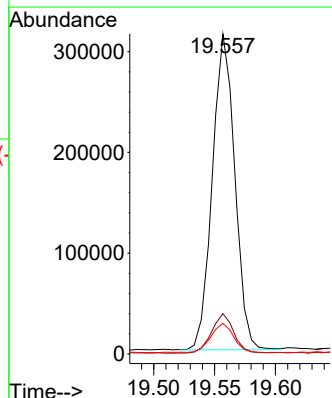
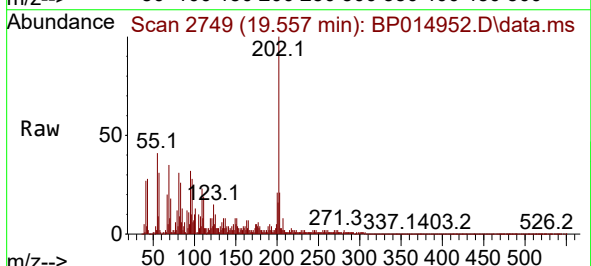
Tgt Ion:202 Resp: 402794

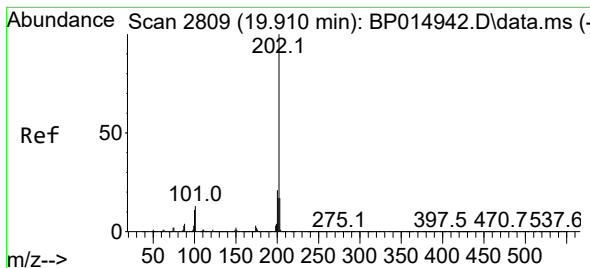
Ion Ratio Lower Upper

202 100

101 12.6 10.1 15.1

100 9.6 7.7 11.5





#82

Pyrene

Concen: 3.885 ng/ul

RT: 19.910 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014952.D

Acq: 04 May 2023 15:00

Instrument :

BNA_P

ClientSampleId :

EW907

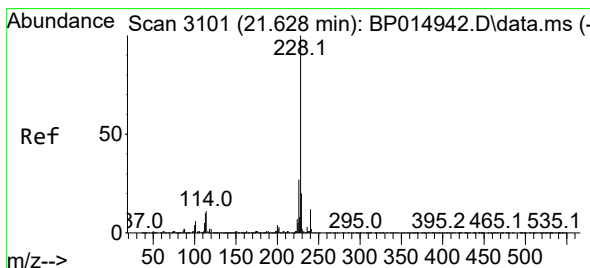
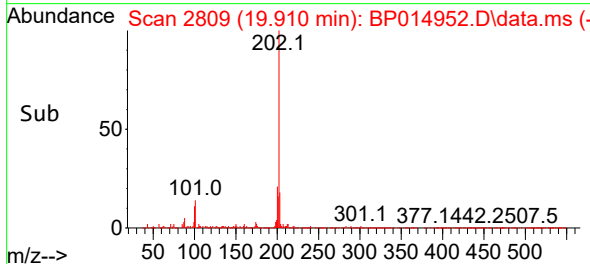
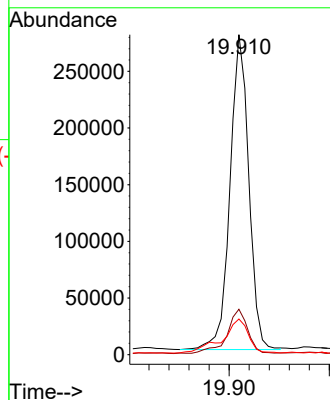
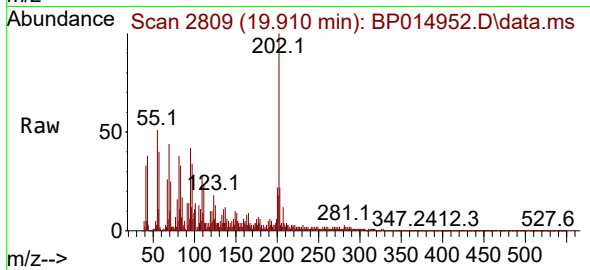
Tgt Ion:202 Resp: 361966

Ion Ratio Lower Upper

202 100

101 14.2 11.9 17.9

100 11.2 9.7 14.5



#85

Benzo(a)anthracene

Concen: 2.782 ng/ul

RT: 21.627 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014952.D

Acq: 04 May 2023 15:00

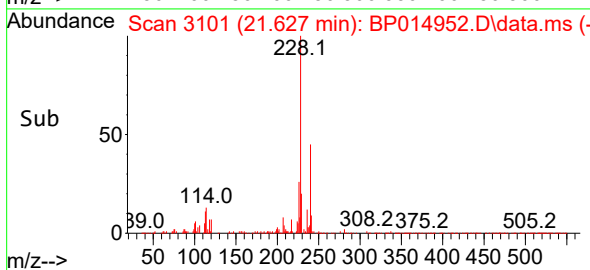
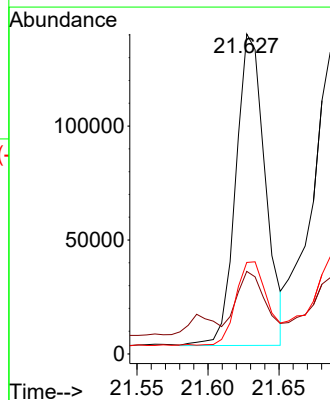
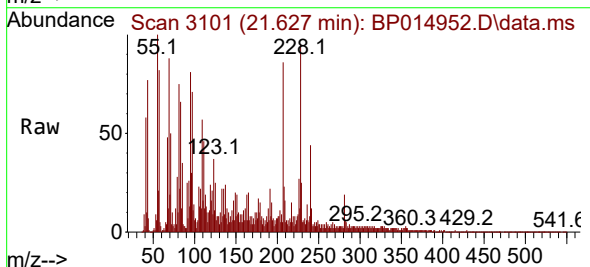
Tgt Ion:228 Resp: 197345

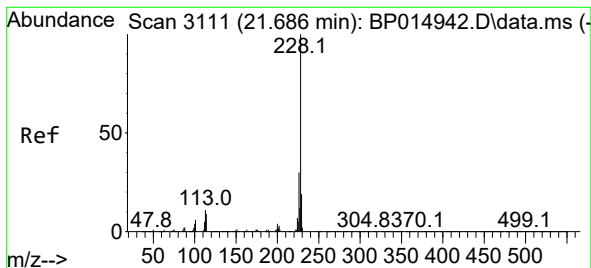
Ion Ratio Lower Upper

228 100

229 25.8 15.9 23.9#

226 28.6 22.1 33.1





#87

Chrysene

Concen: 2.974 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP014952.D

Acq: 04 May 2023 15:00

Instrument :

BNA_P

ClientSampleId :

EW907

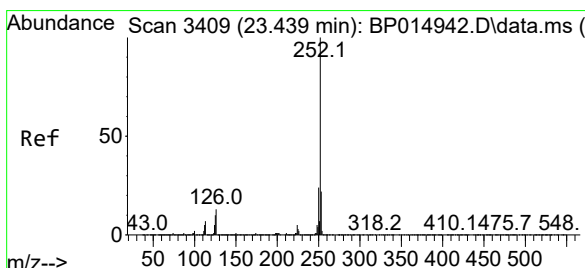
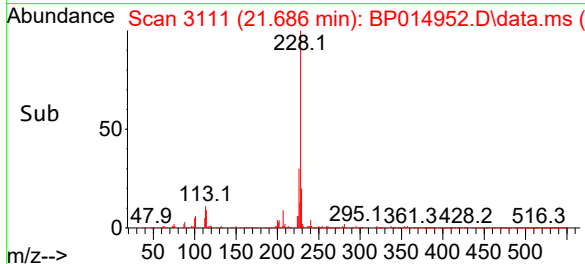
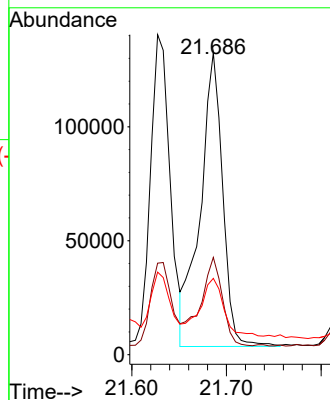
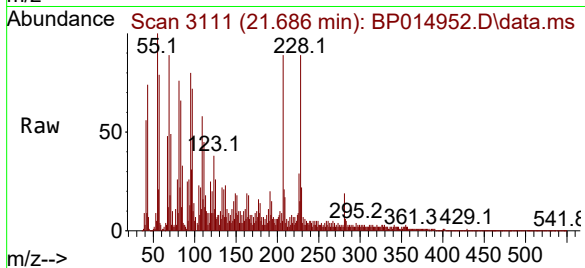
Tgt Ion:228 Resp: 212398

Ion Ratio Lower Upper

228 100

226 32.2 24.3 36.5

229 25.3 15.8 23.8#



#90

Benzo(b)fluoranthene

Concen: 3.585 ng/ul

RT: 23.445 min Scan# 3410

Delta R.T. 0.006 min

Lab File: BP014952.D

Acq: 04 May 2023 15:00

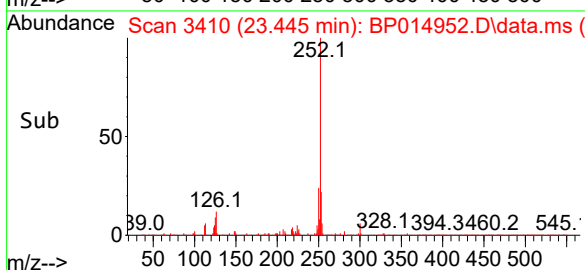
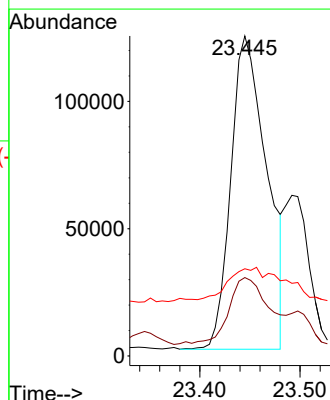
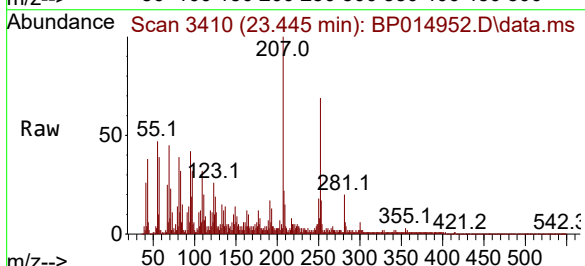
Tgt Ion:252 Resp: 306201

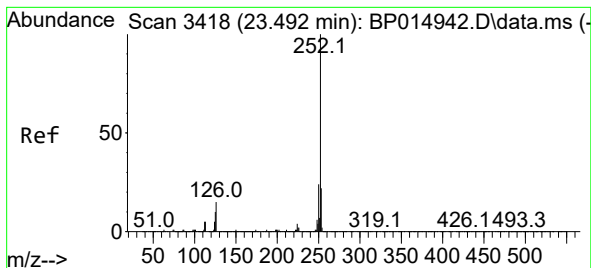
Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.2

125 27.3 8.4 12.6#





#91

Benzo(k)fluoranthene

Concen: 3.523 ng/ul

RT: 23.445 min Scan# 3418

Delta R.T. -0.047 min

Lab File: BP014952.D

Acq: 04 May 2023 15:00

Instrument :

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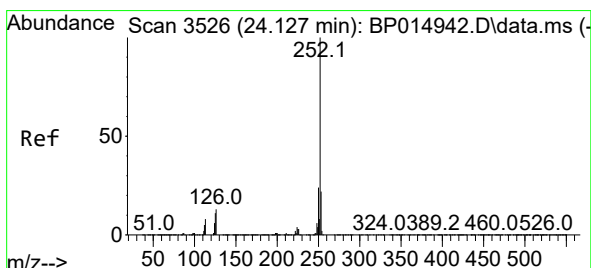
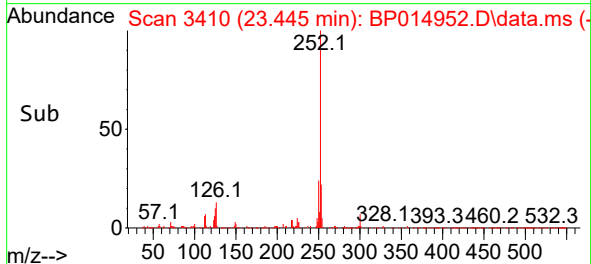
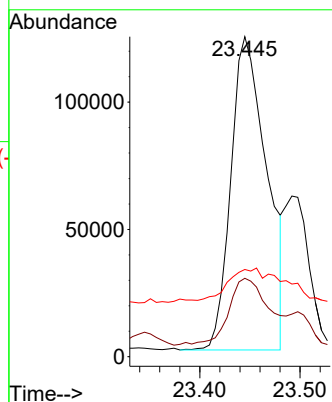
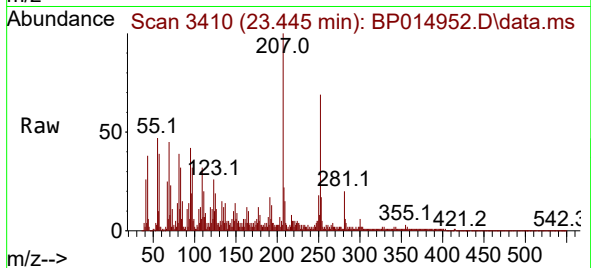
Tgt Ion:252 Resp: 306201

Ion Ratio Lower Upper

252 100

253 24.5 17.8 26.6

125 27.3 8.9 13.3#



#93

Benzo(a)pyrene

Concen: 2.712 ng/ul

RT: 24.133 min Scan# 3527

Delta R.T. 0.006 min

Lab File: BP014952.D

Acq: 04 May 2023 15:00

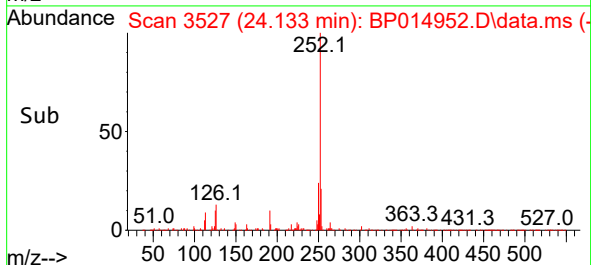
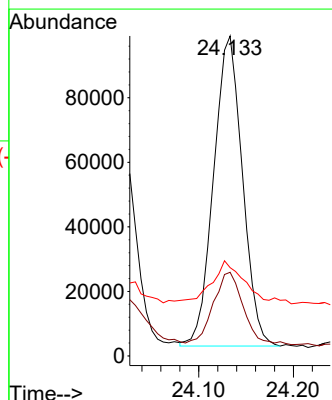
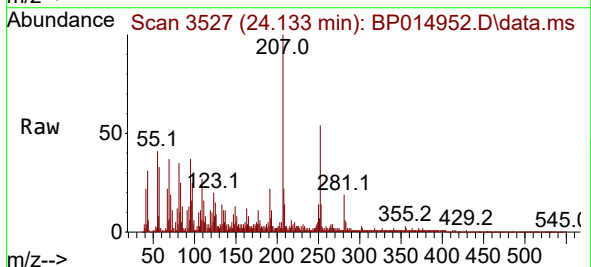
Tgt Ion:252 Resp: 203158

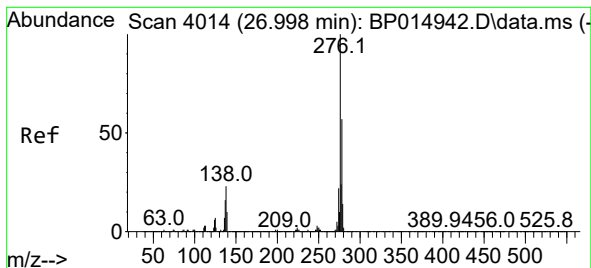
Ion Ratio Lower Upper

252 100

253 26.2 17.5 26.3

125 27.6 9.4 14.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.762 ng/ul

RT: 26.992 min Scan# 4014

Delta R.T. -0.006 min

Lab File: BP014952.D

Acq: 04 May 2023 15:00

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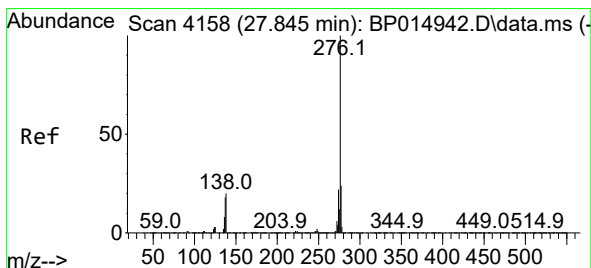
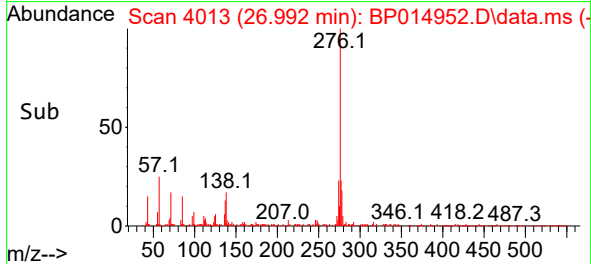
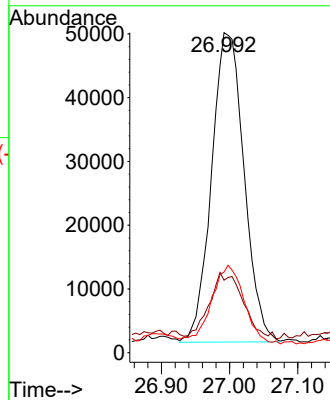
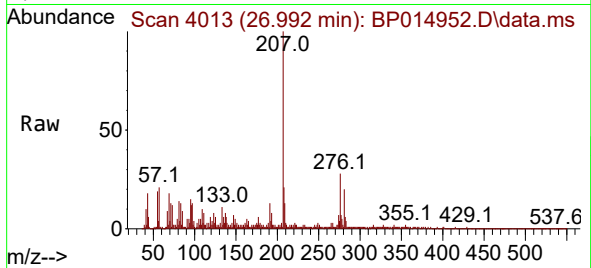
Tgt Ion:276 Resp: 160957

Ion Ratio Lower Upper

276 100

138 22.6 19.4 29.0

277 25.2 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 2.003 ng/ul

RT: 27.850 min Scan# 4159

Delta R.T. 0.006 min

Lab File: BP014952.D

Acq: 04 May 2023 15:00

Tgt Ion:276 Resp: 155781

Ion Ratio Lower Upper

276 100

138 23.4 18.0 27.0

277 26.1 19.8 29.8

